



Accurate Mass: 1030.595052
Percentage Composition: C 59.40%; H 8.01%; N 10.87%; O 21.72%
Biological Source: Prod. by *Zalerion arboricola*
Use/Importance: Antifungal agent
Solubility: BERDY SOL: Sol. MeOH, EtOAc; poorly sol. H₂O
UV: [base] $\lambda_{\max}$ (solvent not reported) (Derep) [neutral] $\lambda_{\max}$ 208 (ϵ 19000); 225 (sh) (ϵ 15100); 274 (ϵ 1510); 282 (sh) (ϵ 1250) (MeOH) (Derep)

>>Derivative: 1",2",10,11-Tetradexy

Synonym(s): Pneumocandin A₄

CAS Registry Number: 135882-23-4

Molecular Formula: C₅₁H₈₂N₈O₁₃
Molecular Weight: 1015.255
Accurate Mass: 1014.600137
Percentage Composition: C 60.34%; H 8.14%; N 11.04%; O 20.49%
Biological Source: Prod. by *Zalerion arboricola*
Use/Importance: Antifungal agent
Solubility: BERDY SOL: Sol. MeOH, EtOAc; poorly sol. H₂O
UV: [neutral] $\lambda_{\max}$ 208 (ϵ 19000); 225 (sh) (ϵ 15100); 274 (ϵ 1510); 282 (sh) (ϵ 1450) (MeOH) (Derep)

>>Derivative: 5-Demethyl

Synonym(s): Pneumocandin B₀

CAS Registry Number: 135575-42-7

Molecular Formula: C₅₀H₈₀N₈O₁₇
Molecular Weight: 1065.225
Accurate Mass: 1064.564147
Percentage Composition: C 56.38%; H 7.57%; N 10.52%; O 25.53%
Biological Source: Prod. by *Zalerion arboricola*
Solubility: BERDY SOL: Sol. MeOH, EtOAc; poorly sol. H₂O
UV: [neutral] $\lambda_{\max}$ 208 (ϵ 19000); 225 (sh) (ϵ 15000); 274 (ϵ 1510); 282 (sh) (ϵ 1450) (MeOH) (Derep)

>>Derivative: 5-Demethyl, 10,11-dideoxy

Synonym(s): Pneumocandin B₂

CAS Registry Number: 138530-80-0

Molecular Formula: C₅₀H₈₀N₈O₁₅
Molecular Weight: 1033.227
Accurate Mass: 1032.574317
Percentage Composition: C 58.12%; H 7.80%; N 10.85%; O 23.23%
Biological Source: Prod. by *Zalerion arboricola*
Use/Importance: Antifungal agent
UV: [base] $\lambda_{\max}$ (solvent not reported) (Derep) [neutral] $\lambda_{\max}$ 208 (ϵ 19000); 225 (sh) (ϵ 15100); 274 (ϵ 1510); 282 (sh) (ϵ 1250) (MeOH) (Derep)

>>Derivative: 5-Demethyl, 5-hydroxy, 6-deoxy

Synonym(s): Pneumocandin C₀

CAS Registry Number: 144074-96-4

Molecular Formula: C₅₀H₈₀N₈O₁₇
Molecular Weight: 1065.225
Accurate Mass: 1064.564147
Percentage Composition: C 56.38%; H 7.57%; N 10.52%; O 25.53%
Biological Source: Prod. by *Zalerion arboricola*
Use/Importance: Antifungal agent
UV: [neutral] $\lambda_{\max}$ 208 (ϵ 19000); 225 (sh) (ϵ 15000); 274 (ϵ 1510); 282 (sh) (ϵ 1450) (MeOH) (Derep)